

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 2003035875
PUBLICATION DATE : 07-02-03

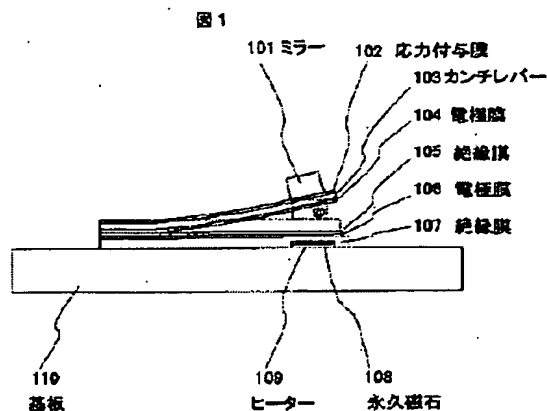
APPLICATION DATE : 24-07-01
APPLICATION NUMBER : 2001222399

APPLICANT : HITACHI METALS LTD;

INVENTOR : HORINO MASAYA;

INT.CL. : G02B 26/08 B81B 3/00

TITLE : OPTICAL SWITCH



ABSTRACT : PROBLEM TO BE SOLVED: To provide an optical switch which does not change its state in spite of the occurrence of a service interruption and curtails electric power consumption during holding of the state.

SOLUTION: The position of a reflector plate placed in a movable state in an optical changing over section is set near the reflector plate or on a substrate near the reflector plate and a soft magnetic material is disposed on an opposite substrate or near the reflector plate, by which the optical switch is so constituted as to maintain the changing over position by the timing forces of attraction of a permanent magnet after the movement of the reflector plate.

COPYRIGHT: (C)2003,JPO

BEST AVAILABLE COPY